

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:05 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 667 Const Calendar Day: 101 Date: 13-Sep-2012 Thursday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 50 - 60 12 PM 60 - 70 4PM 60 - 70**Precipitation** 0.00"**Condition** Cloudy in the AM to mostly sunny in the PMWorking Day ☐ If no, explain:**Diary:**

Dispute

Work description.

- Attended weekly SAS Safety Tailgate meeting at 8:00am.
- Sent an email of the measurements taken yesterday on the OBG deck compression to pertinent Caltrans Structures Construction and Design personnel.
- Measured the bolt elongations with the Caltrans CT-1 Extensometer for the following cable bands:

100N, 100S, & 34S

The measurements were taken by myself, Tai-Lin Liu, and Alex Schmitt. Tai took all of the readings on the digital dial and recorded the number. Alex, and myself positioned/handled the Extensometer on the cable band bolts.

It should be noted that two sets of measurements were taken on cable band 100N. One set of measurements was taken just prior to these cable band bolts being stressed. Then one set of measurements was taken immediately after the ABF crews retensioned the bolts.

Cable band 100S measurements will be done tomorrow after ABF crews retension these bolts. The cable band bolt elongations for this particular cable band are suspect, see Tai and Alex's diaries for more details on this issue. Measurements were taken on cable band 34S due to the small gap width between the male and female halves.

04-0120F4 Bid Item: 067 C-PWS-RCB.067 Re-tension Cable Bands Bolts

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
		ARRON DAVID	2.00	0.00	0.00	2.00		<input type="checkbox"/>
		NARAZIO GOMEZ	2.00	0.00	0.00	2.00		<input type="checkbox"/>
Ironworker		THADDEUS BOOKER	2.00	0.00	0.00	2.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL DRAPER	2.00	0.00	0.00	2.00		<input type="checkbox"/>

Diary:

Dispute

Work description. 067 C-PWS-RCB.067

- Stressed all of the bolts in cable bands 10S on the South Sidespan during Phase 1/Step 2c (ADJ) of load



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 667

Date: 13-Sep-2012 **Thursday**

transfer. This operation may be included in a possible CCO not yet determined. The stressing equipment was mobilized on the cable band 12S for tomorrows operation. See Mahmoud Khandaghabadi's diary for additional details of the stressing operation this morning as he observed the operation and took measurements up until 1:30pm, which is when I took over inspection duties. The ABF ironworkers used Boltight pump number 70254/2222000753 coupled with gauge number 12906134/6 for todays stressing operation. Similarly the following Boltight jacks were used for todays operation:

4036, 4042, 4043, 4051, 4057

12812, 12814, 12818, 12824, 12825, 12830, 12832, 12834, 12865

Per the required cable band Load Transfer checklist; cable band gaps, cable circumference adjacent to the cable band, cable band slip, and suspender rope measurements were taken after the cable band bolts were stressed a total of 3 times to a pressure of 19,343psi. While I was inspecting this operation the ironworkers had to fix a loose valve on the Boltight pump which delayed the operation until the end of their 8hr shift.